

Forbo Environmental Data Sheet

Product name	Sphera
Product description	Sphera is Forbo's premium, homogeneous vinyl collection. Using the latest production technology in an advanced purpose-built manufacturing plant, the produce complies with EN-ISO 10581
Manufacturing location	Coevorden, Netherlands
Site accreditation	ISO14001, ISO 9001, SA8000®






Our footprint – how it's made

Environmental data

Total recycled content of product by weight	0%
Post industrial recycled content	0%
Post consumer recycled content	0%
% renewable electricity used	100%

Independent assessment and rating

ISO 9001 Quality Management System	
ISO 14001 Environmental Management System	
Sphera is made in a facility certified to SA8000	

Carbon footprint

Estimated carbon footprint using data from Environmental product declaration according to ISO 14025	Raw materials and production	5.92 kg CO ₂ eq/m ²
	Use (1 year)	0.331 kg CO ₂ eq/m ²

Your footsteps – how it performs

Health and well being

AgBB/DiBT	Pass
CHPS 01350	Phthalate-free
TVOC after 28 days	≤ 10 µg/m ³

Installation

Recommended adhesives	The recommended adhesive for the Sphera collection is Eurocol 640 Eurostar Special, a solvent free adhesive. Where contribution to credits for BREEAM sections HEA2 and HEA9 are required then this low emission adhesive should be used.
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Maintenance

Sphera is easy to clean and maintain thanks to its PU laquer which is applied before embossing to ensure the thickness is consistent over the surface of the product

End of life

Can be recycled or used in waste to energy application

Contribution to Green Building Schemes

BREEAM 2014

BREEAM ratings (generic)	Building Type				Retail (Durability)	Retail (Fashion)
Homogeneous vinyl floor coverings (EN649)	Office	Education	Health	Domestic		
	A	A+	A+	A	A+	A+

BREEAM 2018

Compliant through EPD declaration number 4788294459.103.1 valid until Feb 2023

Ska scheme (RICS)

M12 soft floor covering criteria	(Ska Offices Vs 1.2 2013) Meets	(Ska Retail Vs 1.0 2012) Meets	(Ska Higher Education Vs 1.0 2016) Meets
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LEED (version 4)

Potential direct or indirect contribution to following categories and credits:	Materials and Resources	Building product disclosure and optimisation - EPD up to 2 points
		Regional materials, credit 5
		Construction and demolition waste management up to 2 points
	Indoor environmental quality	Low emitting materials up to 3 points
		Acoustic performance up to 1 point

Forbo design principles (Reduce, Recycle, Reuse, Renew)

Reduce	Brand new technology means there is no back sanding requirement, reducing the amount of raw materials used
Reuse	Installation waste can be collected through our Back to the Floor scheme
Recycle	We recycle our production waste into the backing of heterogeneous vinyl products produced in the same plant so Sphera is produced in a zero waste environment
Renew	100% of the electricity used is from a renewable source

Detailed environmental product declarations and full Life Cycle Analysis

visit www.forbo-flooring.co.uk/downloads for more information